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Utility, Design and Plant Patents
patno=6332280

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Patent Number :

US2001037585 A1 20011108 [US20010037585]

Patent Number 2 :

US6332280 B2 20011225 [US6332280]

Title :

(A1) Vacuum processing apparatus and operating method therefor

Patent Assignee :

(B2) HITACHI LTD (US)

Patent Assignee :

Hitachi, Ltd., Tokyo [JP]

Patent Assignee 2 :

(B2) HITACHI LTD (US)

Inventor(s) :

(A1) KATO SHIGEKAZU (JP); NISHIHATA KOUJI (JP); TSUBONE TSUNEHICO
(JP); ITOU ATSUSHI (JP)

Application Nbr :

US76783401 20010124 [2001US-0767834]

Filing Details :

Divsn of US461432 19991216 [1999US-0461432]

Cont. of US177495 19981023 [1998US-0177495]

Cont. of US061062 19980416 [1998US-0061062]

Cont. of US882731 19970626 [1997US-0882731]

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Continuation of: US6012235

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Division of: US5661913

Continuation of: US5553396

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Continuation of: US5349762

Continuation of: US5314509

Priority Details :

JP22532190 19900829 [1990JP-0225321]

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Patent Number :
US2001037585 A1 20011108 [US20010037585]
US6332280 B2 20011225 [US6332280]
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US76783401 20010124 [2001US-0767834]
Action Taken :
20020604 US/RF-A
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EFFECTIVE DATE: 20020201
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2003-22

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Patent Number :
6,332,280 A 20011225 [US6332280]
Patent Assignee :
Hitachi Ltd JP
Actions :
20020201 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020604
REISSUE REQUEST NUMBER: 10/060204
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3749

Reissue Patent Number:

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6332280

[Link to Claims Section](#)

December 25, 2001

Vacuum processing apparatus

REISSUE: February 1, 2002 - Reissue Application filed Ex. Gp.: 3749; Re. S.N. 10/060,204 (O.G. June 4, 2002)

INVENTOR: Kato, Shigekazu - Kudamatsu, Japan (JP); Nishihata, Kouji - Tokuyama, Japan (JP); Tsubone, Tsunehiko - Hikari, Japan (JP); Itou, Atsushi - Kudamatsu, Japan (JP)

APPL-NO: 767834 (09)

FILED-DATE: January 24, 2001

GRANTED-DATE: December 25, 2001

ASSIGNEE-AT-ISSUE: Hitachi, Ltd., Tokyo, Japan (JP), Foreign company or corporation (03)

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767834 (09) 6332280 December 25, 2001

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December 25, 2001

Vacuum processing apparatus

REISSUE: February 1, 2002 - Reissue Application filed Ex. Gp.: 3749; Re. S.N. 10/060,204 (O.G. June 4, 2002)

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pre /	precedes by N words
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not in	not in same paragraph
w/seg	in same segment
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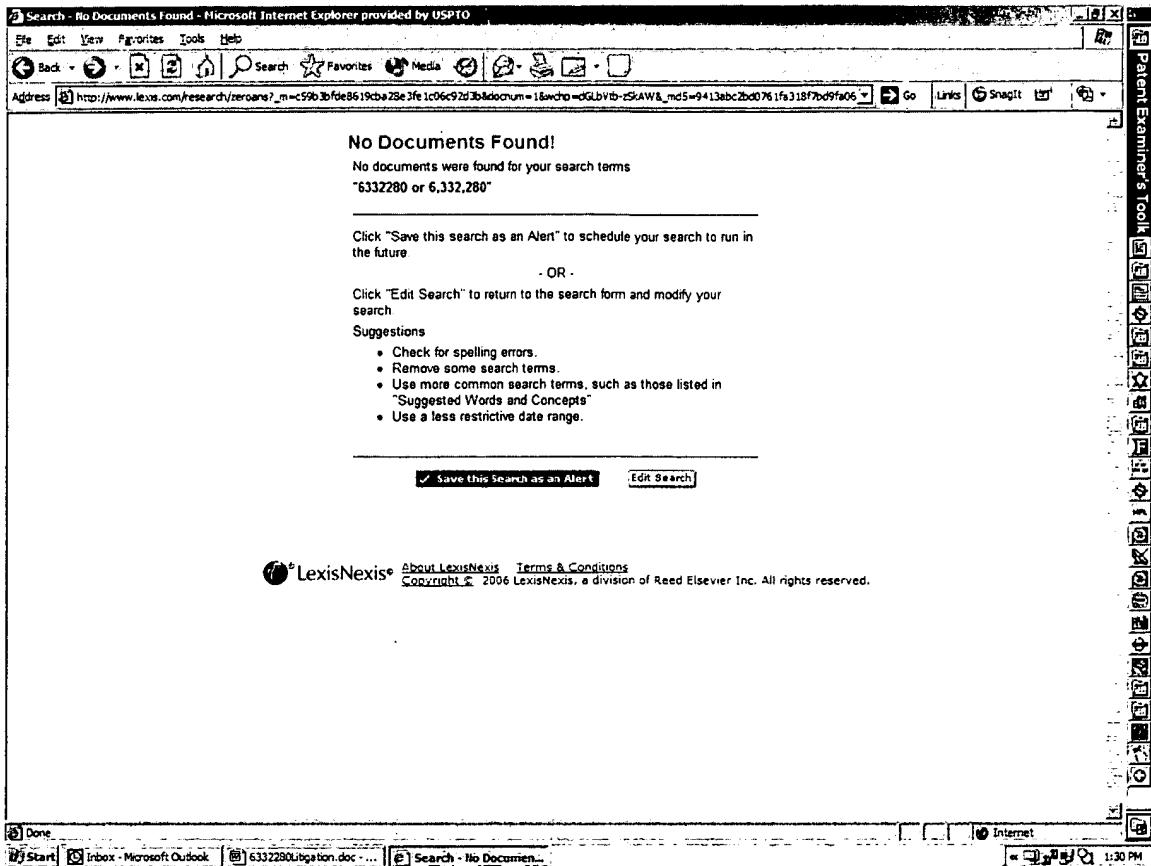
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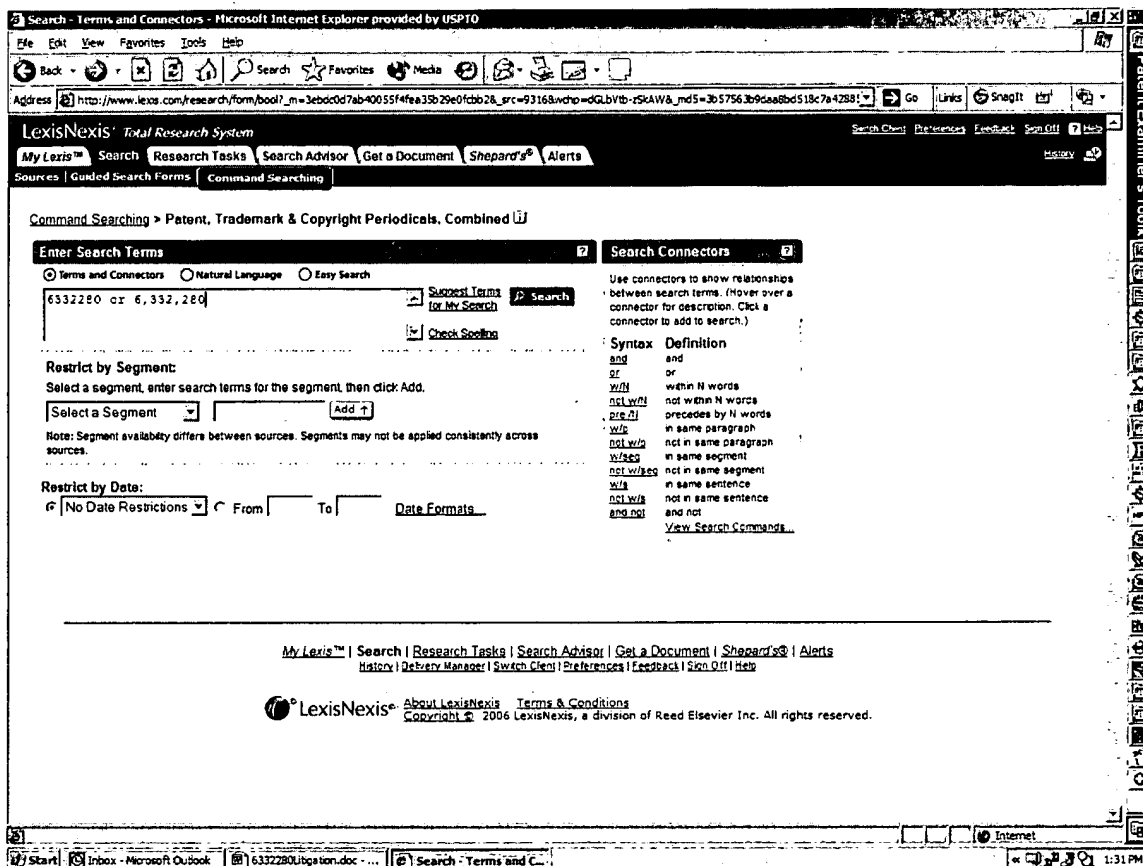
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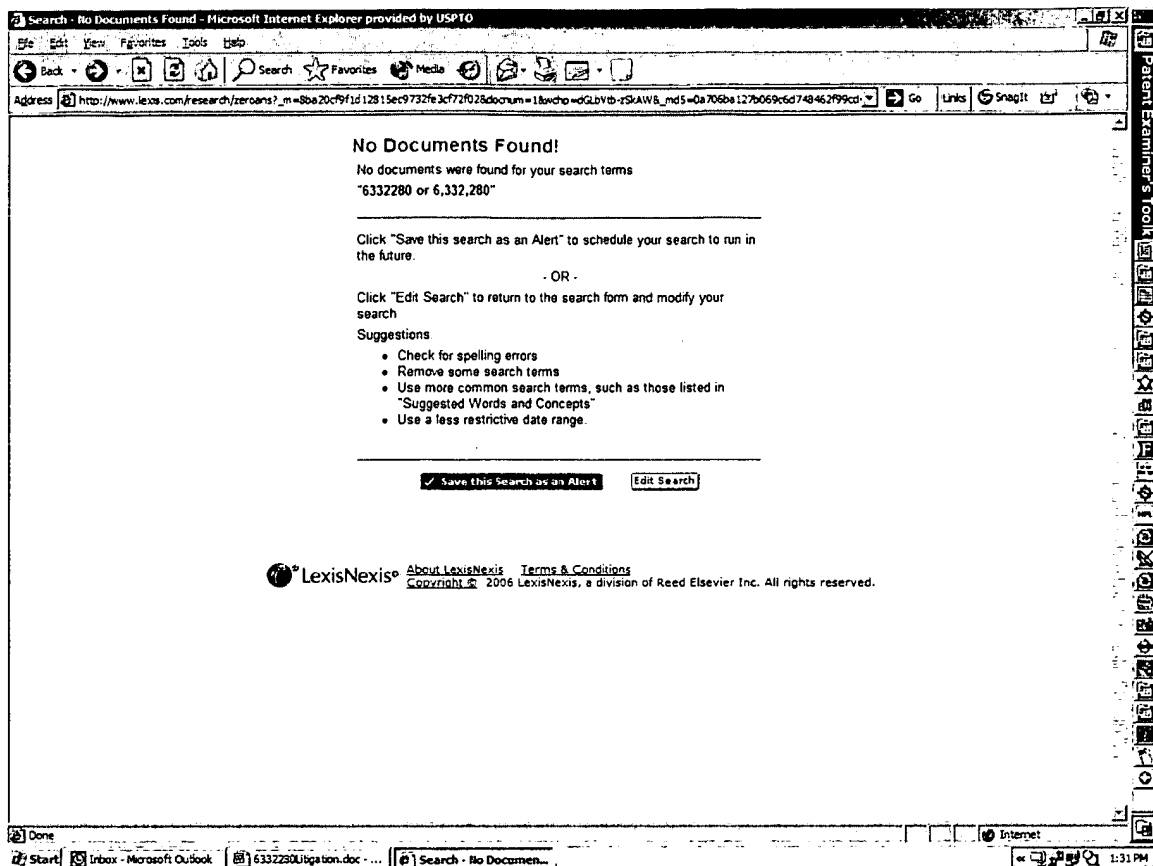
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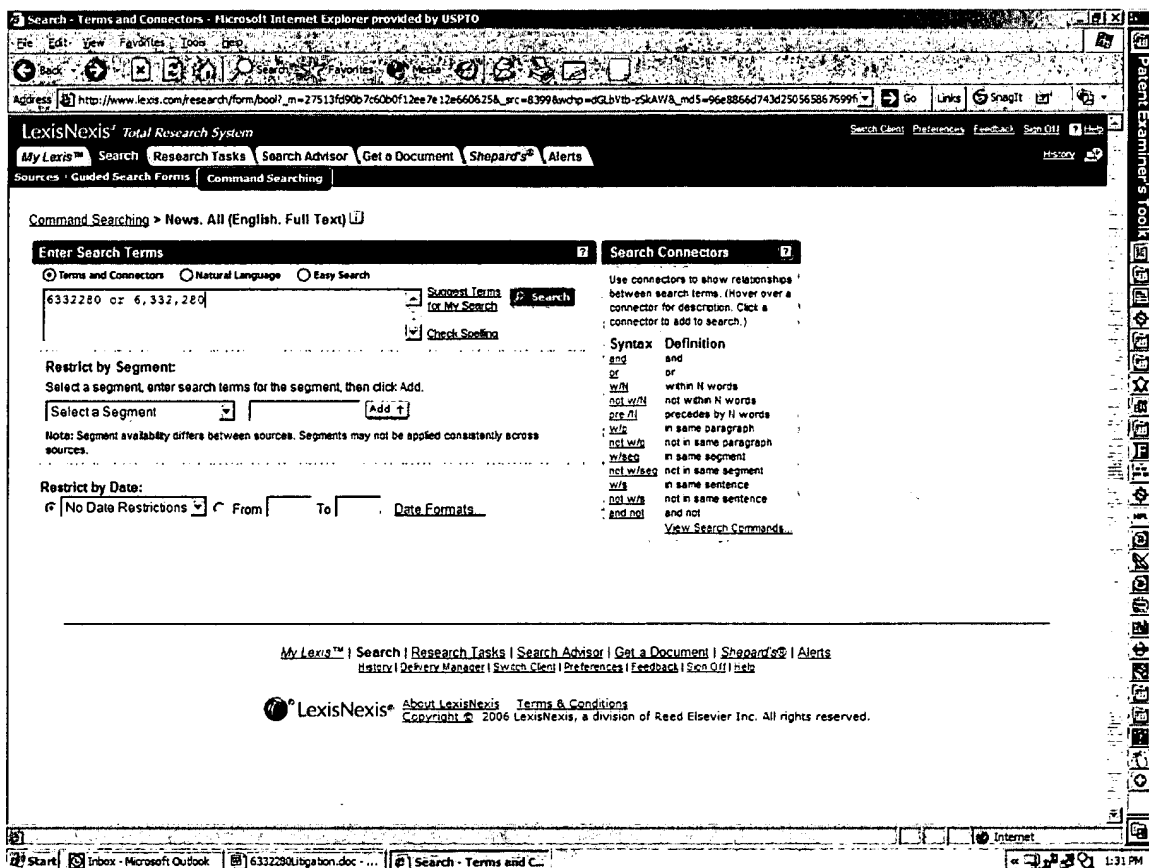
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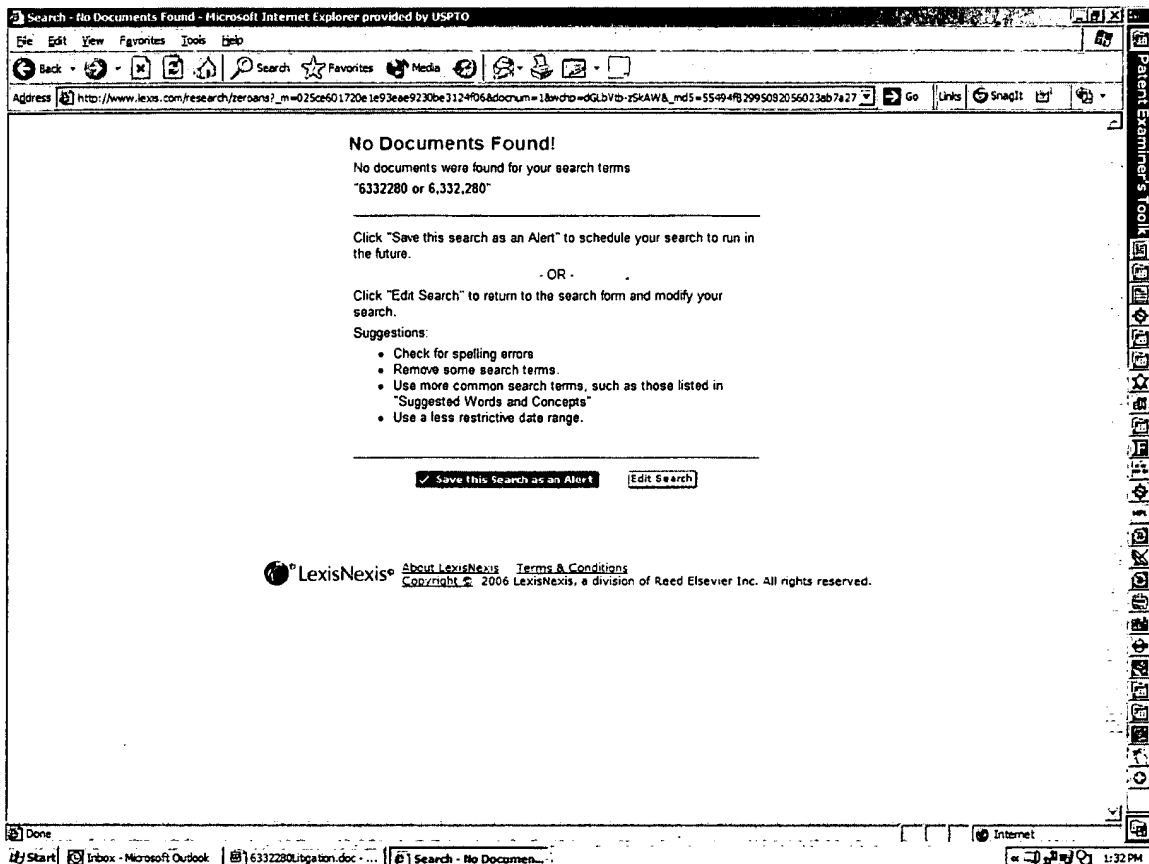
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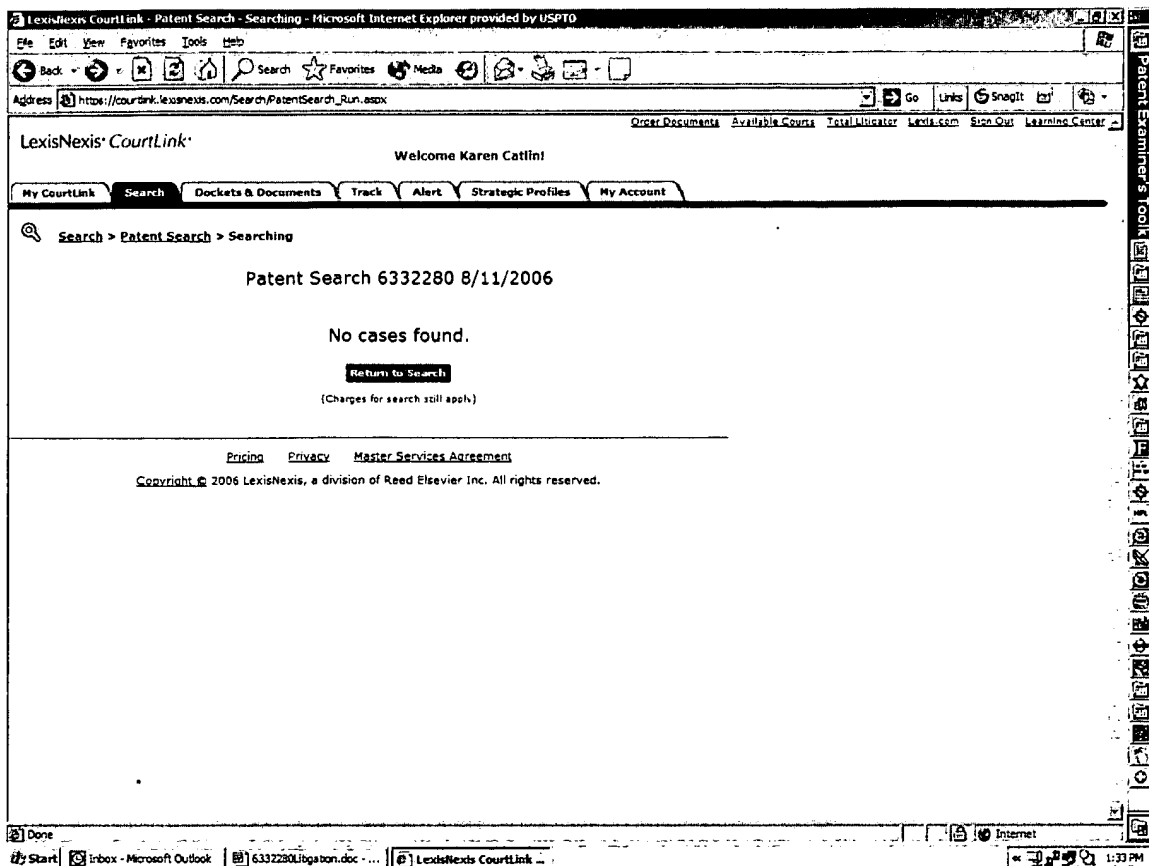
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